SAFETY DATA SHEET

GENERAL STORAGE CODE GREEN

Supplemental information: Suplem	Section 1	Identification	Page E1 of E2
Synonyms 2-(N-Morpholino)ethanesulfonic acid / Morpholinoethanesulfonic acid Section 2 Hazards identification This substance or mixture has not been classified as hazardous according to the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals. Supplemental information: Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell. Signal word : None required Pictograms : No symbol required Target organs: None known None required Classification according to Regulation (EC) No. 1272/2008 : None required GHS Label information: Hazard statement : None required None required	TE	ECHNOLOGY 2052 O'Neil Road WWW.ANKOM.COM Macedon, NY 14502 USA Ph: 315.986.8090	Phone Number (800) 424-9300 For laboratory and industrial use only.
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Health hazards not otherwise classified (HHNOC) - Not Known

Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3 Composition / information on	ingredients			
Chemical Name	CAS #	%	EINECS	
2-(N-Morpholino)ethanesulfonic acid	4432-31-9	100%	224-632-3	
Section 4 First aid measures				

INGESTION: Call physician or Poison Control Center if you feel unwell. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Dust dispersed in air is capable of creating a dust explosion when exposed to an ignition source. Avoid dispersion of dust in air.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Recover for reuse if not contaminated. Remove all sources of ignition. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling and storage

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from ignition sources.

Section 8	Exposure controls / personal prot	ection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Linits.	Particles not otherwise classified	Not established	TWA: 15 mg/m ³ total dust	Not established

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

approved respirato							
Section 9	Physical and chemica	I properties					
Odor: No odor. Odor threshold: 1 pH: 2.5 - 4.0 (1%)	in water) 3 point: >300°C (572°F) ita not available	Flammability (Explosion limi Vapor pressur Vapor density Relative densi	tte (=1): Data not a solid/gas): Data not a ts: Lower / Upper: D e (mm Hg): Data not (Air = 1): Data not av ty (Specific gravity): Data not available	available Data not available available ailable	Auto-ignitie Decompos Viscosity: Molecular	•	: Data not available I re : Data not available ble NO ₄ S
Section 10	Stability and reactivity	/			1		
	oid: Excessive temperatures,		ous polymerization: \ ame and other sources				
	terials: Strong oxidizers.						
Hazardous decon	mposition products: Carbon	oxides, nitrogen oxid	es.				
Section 11	Toxicological informa	tion					
Carcinogenity: D NTP: No compone IARC: No compon OSHA: No compon Ca Prop 65: This p Reproductive tox	ent of this product present at le nent of this product present at nent of this product present at product does not contain any	levels greater than or levels greater than o	equal to 0.1% is identi r equal to 0.1% is iden	ified as probable, po tified as a carcinoge	ssible or confir n or potential o	med human care arcinogen by OS	
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dent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook. Form 06/2015